

Abstract of the Invention

A system with an electromechanical lock, such as a vending machine, has a back up power supply for use in the event power failure and includes a sleep mode for a microcontroller associated with a vending machine. Specifically, a switch decouples the microcontroller from the battery when a power interruption is detected and thus inhibits most power draining functions. A sensor associated with the electromechanical lock detects the presence of a key and draws enough power from the battery to operate the electromechanical lock such that a key user may access the interior of the vending machine.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100